

A SUBSTITUTE RESOLUTION BY CITY UTILITIES COMMITTEE

04-R-1015

A RESOLUTION TO AUTHORIZE THE MAYOR OR DESIGNEE, PURSUANT TO THE CITY OF ATLANTA PROCUREMENT AND REAL ESTATE CODE SECTION 2-1601, ET SEQ., TO EXECUTE A COOPERATIVE PURCHASING AGREEMENT FC-7705-04 WITH THE GEORGIA INSTITUTE OF TECHNOLGY ("GEORGIA TECH") BY AND THROUGH THE GEORGIA TECH RESEARCH CORPORATION ("GTRC"), A NON-PROFIT RESEARCH COOPERATIVE ESTABLISHED BY GEORGIA TECH, ON BEHALF OF THE DEPARTMENT OF WATERSHED MANAGEMENT TO ALLOW GEORGIA TECH TO PROVIDE **TECHNICAL EXPERTISE** RESEARCH TO **OPTIMIZE** THE **CITY'S** MANAGEMENT **OF ITS INFRASTRUCTURE**; **AUTHORIZE** TO THE COMMISSIONER OF THE DEPARTMENT OF WATERSHED MANAGEMENT, IN CONSULTATION WITH THE DEPARTMENTS OF PROCUREMENT AND FINANCE TO APPROVE TASK ORDERS WITHIN THE SCOPE AND WITHIN THE BUDGET OF THIS COOPERATIVE PURCHASING AGREEMENT; AND FOR OTHER PURPOSES. THE AGREEMENT SHALL BE IN THE AMOUNT NOT TO EXCEED FIVE HUNDRED AND FIFTY THOUSAND DOLLARS (\$550,000.00). ALL CONTRACTED WORK SHALL BE CHARGED TO AND PAID FROM FUND ACCOUNT AND CENTER NUMBERS: 2J01 524001 Q67001 (\$450,000.00) AND 2J01 524001 Q41001 (\$100,000.00).

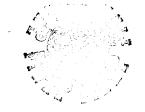
WHEREAS, the City of Atlanta Procurement and Real Estate Code, Section 2-1601, et seq., provides authority for the City to enter into a Cooperative Purchasing Agreement FC-7705-04 with other public entities such as the Georgia Institute of Technology (Georgia Tech); and

WHEREAS, the City of Atlanta in the course of watershed management owns extensive above-ground and below-ground infrastructure that is being operated, maintained, repaired, researched, optimized and expanded on an on-going basis; and

WHEREAS, the Georgia Institute of Technology ("Georgia Tech") is interested in conducting research projects to enhance the quality-of-life in the metropolitan area of Atlanta and, specifically, to enhance infrastructure and watershed management; and

WHEREAS, the Georgia Tech Research Corporation ("GTRC") is a non-profit organization that implements intergovernmental cooperative agreements for Georgia Tech; and

WHEREAS, the City of Atlanta and Georgia Tech, through its non-profit research corporation GTRC, wish to enter into an Cooperative Purchasing Agreement FC-7705-04 to establish research projects that will be directed towards current and emerging tasks critical to optimization and implementation of City projects in land, air, and water management and infrastructure improvement; and



WHEREAS, Georgia Tech, acting through its research institute GTRC, will establish The Georgia Tech Center for Urban Infrastructure Systems to coordinate the activities of the City and Georgia Tech; and

WHEREAS, the Commissioner of the Department of Watershed Management, or his designee, will serve as project manager for tasks to be identified and as primary contact to coordinate with the Director of the Georgia Tech Center for Urban Infrastructure Systems; and

WHEREAS, a Cooperative Purchasing Agreement FC-7705-04 between the City and Georgia Tech will provide a contractual procedure for defining individual task orders that describe the specific tasks and their respective financial resources and schedules for delivery of reports or other work product; and

WHEREAS, task orders shall be issued by the Commissioner of Watershed Management, or his designee, after review by the Chief Procurement Officer to confirm that the task is within the scope of the Cooperative Purchasing Agreement FC-7705-04 and by the Chief Financial Officer to confirm the availability of funds; and

WHEREAS, each task will have a final report that includes all data deliverables. Title to the report or other intellectual property will reside within the Georgia Tech Center and be licensed for use by the City without cost as set out in the Cooperative Purchasing Agreement FC-7705-04; and

WHEREAS, the Department of Watershed Management has budgeted for, and Council has approved, Five Hundred Fifty Thousand and 00/100 Dollars (\$550,000.00) in Drinking Water and Wastewater projects that will be undertaken by Georgia Tech under the Cooperative Purchasing Agreement FC-7705-04; and

WHEREAS, an initial list of tasks appropriate for performance under this Cooperative Purchasing Agreement FC-7705-04 is attached as Exhibit "A"; and

WHEREAS, the term of the agreement shall be for a period of three (3) years with one (1) three (3) year renewal option at the sole discretion of the City; and

WHEREAS, additional tasks may be identified in the future for performance under this Cooperative Purchasing Agreement FC-7705-04. Financial resources for future tasks will be identified in the annual budget of the Department of Watershed Management or otherwise authorized by Council by identification of appropriate funds and issuance of notices to proceed; and

WHEREAS, the City may, pursuant to this resolution, cooperate with Georgia Tech to apply for grants, donations or other funding from governmental or private agencies that may be appropriate to reduce the cost of tasks performed under this Cooperative Purchasing Agreement FC-7705-04.

NOW, THEREFORE, BE IT NOW RESOLVED BY THE CITY COUNCIL OF THE CITY OF ATLANTA, GEORGIA, that the Mayor be and is hereby authorized to enter into a Cooperative Purchasing Agreement with Georgia Tech Research Corporation, FC-7705-04, to provide technical expertise and research to optimize the City's management of its infrastructure.

BE IT FURTHER RESOLVED, that the Mayor is authorized, pursuant to City of Atlanta Procurement and Real Estate Code Sec. 2-1601, et seq., to execute a Cooperative Purchasing Agreement FC-7705-04 with Georgia Tech through GTRC to obtain services described above for a term of three (3) years with the option of the City to renew for an additional three (3) year term.

BE IT FURTHER RESOLVED, that the Chief Procurement Officer is hereby directed to prepare a Cooperative Purchasing Agreement FC-7705-04 for execution by the Mayor and approval as to form by the City Attorney. The City Attorney is authorized to make such additional changes to this agreement as may be necessary to protect the City's interest.

BE IT FURTHER RESOLVED, that the Cooperative Purchasing Agreement FC-7705-04 shall not become binding upon the City, and the City shall incur no obligation upon the same unless and until the Cooperative Purchasing Agreement FC-7705-04 has been executed by the Mayor, sealed by the Municipal Clerk, and delivered to the Georgia Tech Research Corporation.

<u>BE IT FURTHER RESOLVED</u>, that the Mayor, or her designee, is authorized to cooperate with Georgia Tech to apply for grants, donations or other funding from governmental or private agencies that may be appropriate to reduce the cost of tasks performed under this Cooperative Purchasing Agreement FC-7705-04.

BE IT FURTHER RESOLVED, that the Commissioner of Watershed Management has identified tasks listed in Exhibit "A" that will optimize and enhance the management of the City's infrastructure. The Commissioner is hereby authorized to issue task orders for performance under this Agreement FC-7705-04 for any task identified in Exhibit "A."

BE IT FURTHER RESOLVED, that in addition to tasks for which funds have been identified in this resolution, any future tasks appropriate for performance and within the scope and three (3) year term of this Cooperative Purchasing Agreement FC-7705-04 may be approved by the Commissioner of Watershed Management, in consultation with the Chief Procurement Officer and Chief Financial Officer, to the extent that financial resources for any such additional tasks are identified in the annual budget of the Department of Watershed Management or otherwise authorized by Council through notices to proceed.

BE IT FURTHER RESOLVED, that on a semi-annual basis, a progress report will be submitted and a presentation made to the City Utilities Committee to discuss projects that have been authorized under this agreement.

undertaking and authorized by this resolution in the amount of Five Hundred Fifty Thousand and 00/100 Dollars (\$550,000.00) are identified within the 2004 Department of Watershed Management budget and should be charged to and paid from fund, account and center numbers: 2J01 724001 Q67001 (\$450,000.00) and 2J01 724001 Q41001 (\$100,000.00).

ADOPTED by the Council APPROVED by the Mayor

Tanda Naughin Johnson

Municipal Clerk, CMC

JUN 07, 2004

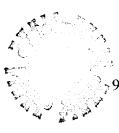
JUN 14, 2004



EXHIBIT A

Current Tasks/Projects Identified within the Department of Watershed Management

- 1. New treatment technologies Requested by Water Department
 - a. Use of UV for disinfection
 - b. Plant chlorine residual vs. distribution chlorine booster
- 2. Filter media analysis Requested by Water Department
 - a. Modification to existing filter beds
 - b. Future filtering methods
- 3. Power use Requested by Water Department
 - a. Improve energy utilization
 - b. Power management software
- 4. Evaluate chemical application Requested by Water Department
 - a. New flow-pace system
 - b. Proposed I&C for chemical injection
- 5. Improve current corrosion control Requested by Water Department
 - a. Change in chemical/method
 - b. Current piping condition
- 6. Surge analysis Requested by Water Department
 - a. Air relief valves vs. elevated store (downtown)
 - b. Minimizing "water hammers"
- 7. Hydraulic studies Requested by Water Department
 - a. Update previous studies regularly
 - b. Expand uses for existing Stoner hydraulic model
- 8. Development planning Requested by Water Department
 - a. Meter/service sizing
 - b. Demand rate structure for future



- Proposed I&C Project Requested by Water Department
 - a. Assess technologies planned
 - b. Future control strategies
- 10. GIS application Requested by Water Department
 - a. Integration of existing systems
 - b. Mobile units (plat cards) for repair vehicles
- 11. New customer information system (CIS) Requested by Water Department
 - a. Determine future CIS parameters
 - b. Evaluate CIS systems available
 - c. New "budget billing" impact
- 12. Asset Management Requested by Water Department
 - a. System assessment methods
 - b. Software application (RFP)
- 13. Update standards Requested by Water Department
 - a. System materials/installation
 - b. Design/build vs. design/bid
- 14. Capital improvement program Requested by Water Department
 - a. Assess current 5-yeat cycle
 - b. Planning for regulator compliance
- 15. Nancy Creek Tunnel Requested by Engineering
 - a. Lift Station
- 16. Biosolids Requested by Engineering
 - a. Value Engineering
- 17. Mapping the City's storm sewer system in GIS- Requested by Stormwater
- 18. Comparison of parcels identified through the impervious surface study and water/sewer billing accounts Requested by Stormwater

- 19. Development of a web access site for impervious area determination per parcel Requested by Stormwater
- 20. Development of GIS layers such as Requested by Stormwater
 - -Catch basins and typical captured details
 - -Storm sewer lines and details
 - -Stormwater structures such as detention/retention ponds, underground storage tanks
 - -Sewer grates
 - -Environmental layers (wetlands, floodplain, streams, creeks, rivers, parks, etc.)

Atlanta City Council

Regular Session

CONSENT I

CONSENT I PG(S)1-17, EXCEPT: 04-R-1017 04-O-0932 04-O-0933 04-R-0986 ADOPT

YEAS: 13
NAYS: 0
ABSTENTIONS: 0
NOT VOTING: 0
EXCUSED: 1
ABSENT 1

E Smith Y Winslow Y Shook Y Martin Y Mitchell B Starnes Y Archibong Y Muller Y Maddox Y Norwood Y Young Y Fauver Y Moore Y Mosley Y Willis

		6-07-04 Council Meeting
ITEMS ADOPTED	ITEMS ADOPTED	ITEMS ADVERSED
ON CONSENT	ON CONSENT	ON CONSENT
1. 04-O-0802	43. 04-R-1023	83. 04-R-0975
2. 04-O-0803	44. 04-R-1024	84. 04-R-0976
3. 04-O-0804	45. 04-R-1025	85. 04-R-0977
4. 04-O-0877	46. 04-R-0979	86. 04-R-0978
5. 04-O-0930	47. 04-R-0980	
6. 04-O-0924	48. 04-R-0981	
7. 04-O-0929	49. 04-R-0982	
8. 04-O-0787	50. 04-R-0983	
9. 04-O-0654	51. 04-R-0984	
10. 04-O-0655	52. 04-R-0985	
11. 04-O-0817	ITEMS ADVERSED	
12. 04-O-0818	ON CONSENT	
13. 04-O-0819	53. 04-R-0944	
14. 04-O-0820	54. 04-R-0945	
15. 04-O-0939	55. 04-R-0946	
16. 04-R-1002	56. 04-R-0947	
17. 04-R-1003	57. 04-R-0948	
18. 04-R-1004	58. 04-R-0949	
19. 04-R-1005	59. 04-R-0950	
20. 04-R-1010	60. 04-R-0951	
21. 04-R-1011	61. 04-R-0952	
22. 04-R-1012	62. 04-R-0953	
23. 04-R-1015	63. 04-R-0954	
24. 04-R-0935	64. 04-R-0955	
25. 04-R-1008	65. 04-R-0956	
26. 04-R-1000	66. 04-R-0957	
27. 04-R-1001	67. 04-R-0958	
28. 04-R-0942	68. 04-R-0959	
29. 04-R-0927	69. 04-R-0960	
30. 04-R-0943	70. 04-R-0962	
31. 04-R-1019	71. 04-R-0963	
32. 04-R-0635	72. 04-R-0964	
33. 04-R-0989	73. 04-R-0965	
34. 04-R-0991	74. 04-R-0966	
35. 04-R-0993	75. 04-R-0967	
36. 04-R-0814	76. 04-R-0968	
37. 04-R-0926	77. 04-R-0969	
38. 04-R-0994	78. 04-R-0970	
39. 04-R-0995	79. 04-R-0971	
40. 04-R-0996	80. 04-R-0972	
41. 04-R-0997	81. 04-R-0973	
42. 04-R-0998	82. 04-R-0974	

(Do Not Write Above This Line) 04-大,1015

A RESOLUTION BY CITY UTILITIES COMMITTEE

ESTATE CODE SECTION 2-1601, ET SEQ., ATLANTA PROCUREMENT AND REAL MAYOR, PURSUANT TO THE CITY OF A RESOLUTION TO AUTHORIZE THE CORPORATION (GTRC). A NON-PROFIT (GEORGIA TECH) BY AND THROUGH GEORGIA INSTITUTE OF TECHNOLGY PURCHASING AGREEMENT WITH THE ALLOW GEORGIA TECH TO PROVIDE ESTABLISHED BY GEORGIA TECH, TO COMMISSIONER OF THE DEPARTMENT INFRASTRUCTURE; TO AUTHORIZE THE MANAGEMENT TECHNICAL EXPERTISE AND RESEARCH OTHER PURPOSES. PURCHASING AGREEMENT; AND FOR WITHIN THE SCOPE AND WITHIN THE FINANCE TO APPROVE TASK ORDERS DEPARTMENTS OF PROCUREMENT AND CONSULTATION WATERSHED MANAGEMENT, EXECUTE GEORGIA OPTIMIZE THIS COOPERATIVE TECH THE COOPERATIVE COOPERATIVE RESEARCH CITY'S

- CONSENT REFER
- REGULAR REPORT REFER
- ADVERTISE & REFER
- PERSONAL PAPER REFER 1st ADOPT 2nd READ & REFER

Date Referred

Referred To:

Date Referred

Refferred To:

Date Referred

Referred To:

Chair Referred To Committee Date

Compittee

Fav, ødv, Hold (see rev. side) Action

Members

Refer To

Committee

Committee

Date

Date

Chair

Fav, Adv, Hold (see rev. side) Other Action

Fav, Adv, Hold (see rev. side)

Action

Chair

Members

Members

SOPTED BY

COUNCIL Refer To

Refer To

MAYOR

First Reading

CI 2nd

FINAL COUNCIL ACTION

☐ 1st & 2nd

□ 3rd

Readings □ V Vote

IZ RC Vote

Consent Consent

CERTIFIED

Committee

Chair Date

Action

Fav, Adv, Hold (see rev. side)

Members

Refer To

MAYOR'S ACTION